

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	245	(vertical\$4 or serial\$4) with (first near1 (drain or charge \$1dis\$1charg\$4)) with (second near1 (drain or charge\$1dis\$1charg\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:14
L4	570	(vertical\$4 or serial\$4) with (plurality near2 (drain\$1 or charge\$1dis\$1charg\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:15
L6	130	(column\$1) with (first near1 (drain or charge\$1dis\$1charg\$4)) with (second near1 (drain or charge\$1dis\$1charg\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:15
L7	622	(column\$1) with (plurality near2 (drain\$1 or charge\$1dis\$1charg\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:16
L8	525104	(CCD or imager or (imag\$4 adj1 (pick\$1up or sens\$4 or array or device or apparatus)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:16
L9	26734683	@rld< = "20030323" or @ad< = "20030323"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:17
L10	18	(3 or 6) and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:17
L11	12	9 and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:18
L12	64	(4 or 7) and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:18
L13	41	9 and 12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:18
L14	2972	348/311.ccls. 348/314.ccls. 348/320.ccls. 348/321.ccls. 348/322.ccls. 348/323.ccls. 348/294.ccls. 348/299.ccls. 257/229.ccls. 257/230.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:20
L15	4	(3 or 6) and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:20
L16	13	(4 or 7) and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:20
L17	15	(15 or 16) and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:21
L18	53	11 or 13 or 17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:21

L19	7	("4513313"   "4912560"   "5270558"   "5357129"   "5440343"   "5828406").PN. OR ("7053948").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 22:22
L20	14	("20050280726"   "4884142" "5223725"   "5440343"   "5614740"   "5874993"   "6215521"   "6400404"   "6423959"   "6693671"   "6707498"   "6867803"   "7053948").PN. OR ("7315330").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 22:25
L21	28	("3931463"   "4245164"   "4302779"   "4322753"   "4577115").PN. OR ("4884142").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 22:25
L22	4491	double near2 (drain or dis \$1charg\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:26
L23	240	(8 or 14) and 22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:26
L24	163	9 and 23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:27
L25	140	((double near2 (drain or dis \$1charg\$4)) with (serial\$4 or vertical\$4 or column\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:27
L26	1	24 and 25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:27
L27	308	((first near1 (drain or charge \$1dis\$1charg\$4 or dis\$1charg \$4)) with (second near1 (drain or charge\$1dis\$1charg \$4 or dis\$1charg\$4)) with (left \$1over or remain\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:28
L28	7	(8 or 14) and 27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:29
L29	2	9 and 28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:29
L30	57	((top or upper) near1 (drain or charge\$1dis\$1charg\$4 or dis\$1charg\$4)) with ((bottom or lower) near1 (drain or charge\$1dis\$1charg\$4 or dis \$1charg\$4)) with (left\$1over or remain\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:29
L31	0	(8 or 14) and 30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:30
L32	2121	((top or upper) near1 (drain or charge\$1dis\$1charg\$4 or dis\$1charg\$4)) with ((bottom or lower) near1 (drain or charge\$1dis\$1charg\$4 or dis \$1charg\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:30
L33	106	(8 or 14) and 32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:30

L34	48	9 and 33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:30
L35	922	(YAMADA with TETSUO).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:31
L36	1	(YAMADA with TETSUO).in. and (3 or 4 or 5 or 6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:32
L37	495496	FUJI.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:32
L38	170	35 and 37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:32
L39	2786960	(drain\$4 or charge\$1dis \$1charg\$4 or dis\$1charg\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:33
L40	37	38 and 39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 22:33

6/ 4/ 09 10:34:34 PM

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